

Docket No. 43888-309

Amendment Dated: August 5, 2004

Amendment to the Specification:

Page 2, Paragraph 1, line 1 please amend as follows:

For example, U.S. Patents No. 5,833,048 **4,833,048** and No. 2,715,778 propose a secondary battery using an organic compound with disulfide bonds as an electrode material. The simplest form of this organic sulfur compound is represented by the formula: $M^+ \cdot S-R-S^- \text{---} M^+$, where R is an aliphatic or an aromatic organic group, S sulfur, and M^+ a proton or metal cation. Through an electrochemical oxidation reaction, this compound becomes polymerized by S-S bonds, thereby forming a polymer with a structure of $M^+ \cdot S-R-S-S-R-S-S-R-S^- \text{---} M^+$. This polymer returns to the original monomers through an electrochemical reduction reaction. These reactions are applied to the charge/discharge reactions of secondary batteries.